

InformationTerm: **Fall 2021**Time: **MW 12:30–1:20 PM** (Lecture)Class Web: **Brightspace**Location: **HCRN 1066** (Lecture)Instructor: **Thomas S. Redick, Ph.D.**Office Hours: **Mon/Wed 1:20–2:20 PM**
or by appointmentEmail: **treddick@purdue.edu**Office: **PSYC 3120**Phone: **(765) 494-5132**TA: **Jessica Dupree**Office Hours: **Thursday 1:00 PM–2:00 PM**
or by appointmentEmail: **dupreej@purdue.edu**Location: **PSYC 1119**TA: **Soyol Enkh-Amgalan**Office Hours: **Wednesday 2:30 PM–3:20 PM**
or by appointmentEmail: **senkhamg@purdue.edu**Location: **PSYC 3168****Required Text**Goodwin & Goodwin. *Research in psychology: Methods and design* (7th or 8th edition is fine).

Additional readings as assigned will be available on Brightspace

Recommended TextAmerican Psychological Association. (2019). *Publication manual of the American Psychological Association* (7th ed.).**Description**

The official Purdue description for this course is the following: “The use of scientific method in psychology. Lecture covers principles of collecting and interpreting data, using examples of research from many areas of psychology. In the laboratory portion, the student uses many different techniques from various areas of psychology.”

Evaluation

EXAMS: There will be a total of 3 exams during the semester. All tests will cover the materials indicated on the schedule listed below and are non-cumulative in the sense that the questions will focus on the topics covered in those specific sections. However, as will become evident, there is a lot of overlap throughout the semester, so answers may require knowledge gained in an earlier section of the course. Exam questions will cover material from: (a) lecture; (b) textbook; (c) assigned papers; and (d) lab. Exam questions will be in the format of: (a) multiple-choice; (b) matching/fill-in-the-blank; and (c) short-answer. Each exam will be worth 30 points.

If you miss an exam because of bereavement or illness/quarantine and you have official documentation (e.g., from the Dean of Students), or if you have pre-approval from Dr. Redick to miss an exam because of a Purdue-approved extracurricular activity, then we will discuss the alternative(s) available for earning the points for the missed exam.

The exam dates listed on the course schedule will not change. You should plan your non-class activities around the specific times listed. If you have any further questions about my policy, I urge you to speak with me immediately.

Students should be on time for the exam, and plan to stay until it is completed.

LAB: Each of you has been assigned to a 50 minute weekly lab, which will provide supplemental lecture material, exercises to illustrate different concepts and methodologies, and instruction and practice in preparing and writing a complete APA-style research paper by the end of the semester, based on an “in-lab” research experience. **Failure to complete the final research paper in lab will result in a grade of “F” for the course, independent of your performance on the exams in the lecture portion of the course.** Laboratory assignments and their due dates, the consequences of plagiarism, etc., will be discussed by your lab instructor during your first lab meeting. Due to enrollment and room capacity concerns, you may not attend other lab sections without Dr. Redick’s approval.

GRADE:	<i>Evaluation</i>	<i>Maximum Points Possible</i>	<i>Percentage of Grade</i>
	Exam 1	30	25%
	Exam 2	30	25%
	Exam 3	30	25%
	Lab	30	25%
<hr/>			
	Total Grade	120	100%

100%	A+	77% to 79%	C+
93% to 99%	A	73% to 76%	C
90% to 92%	A-	70% to 72%	C-
87% to 89%	B+	67% to 69%	D+
83% to 86%	B	63% to 66%	D
80% to 82%	B-	60% to 62%	D-
		Below 60%	F

Students taking the course Pass/Fail must pass the course (at least 60%).

Miscellaneous

ACADEMIC INTEGRITY: All work submitted by students (test or written assignment) is assumed to be their own work. Students found guilty of cheating, plagiarism, or other forms of academic dishonesty will face disciplinary action, which could include being asked to re-do the assignment or exam to failing the assignment to failing the course. If you are unclear about what cheating or plagiarism is, or you have concerns about others in the course cheating, please contact me, or if you prefer anonymity, use integrity@purdue.edu or call 765-494-8778.

DISABILITY RESOURCE CENTER: If you anticipate or experience physical or academic barriers based on disability, you are welcome to let me know so that we can discuss options. You are also encouraged to contact the Disability Resource Center at drc@purdue.edu or call 765-494-1247.

ATTENDANCE: There is no formal attendance policy; however, it is critical to attend on exam dates unless you have a compelling, documented reason (e.g., isolation/quarantine notice by doctor and/or university; pre-approved sports competition).

CONTACT: Contact information and office hours appear at the top of this syllabus. Although campus email is the best way to reach me outside of class and office hours, you may also leave a note in my mailbox in the PRCE building or leave a message on my voice-mail. I will use Brightspace to send messages to the class regarding updates, reminders, etc. Also, please use the teaching assistants and lab instructors as an additional resource during the course.

MENTAL HEALTH: There are a variety of resources available through Purdue if you find yourself needing to tend to your mental health. These include:

WellTrack: <https://purdue.welltrack.com/>

Office of the Dean of Students: <https://www.purdue.edu/odos/>

Counseling and Psychological Sciences (CAPS): <https://www.purdue.edu/caps/>

EMERGENCY PREPAREDNESS: If we hear a fire alarm during class, we will immediately suspend class, evacuate the building, and proceed outdoors. If we are notified during class of a Shelter in Place requirement for a tornado warning, we will suspend class and shelter in the basement. If we are notified during class of a Shelter in Place requirement for a hazardous materials release, or a civil disturbance, including a shooting or other use of weapons, we will suspend class and shelter in the classroom away from the windows, shutting the door and turning off the lights. Please review the Emergency Preparedness website (http://www.purdue.edu/ehps/emergency_preparedness/index.html) and the Honors College and Residences specific website (https://www.purdue.edu/ehps/emergency_preparedness/bep/hcr-bep11.html) for more information.

Schedule

<i>Date</i>	<i>Topic</i>	<i>Readings</i>
M 8/23	Introduction	Chapter 1
W 8/25	Ways of Knowing	Chapter 1
M 8/30	Ethical Issues in Research	Chapter 2
W 9/1	Ethical Issues in Publication	Simmons et al. (2011)
M 9/6	LABOR DAY	NO CLASS
W 9/8	Hypothesis Testing	Chapter 3
M 9/13	Varieties of Research	Chapter 3
W 9/15	Fundamentals of Measurement	Chapter 4
M 9/20	Scales of Measurement	Chapter 4
W 9/22	EXAM 1	
M 9/27	Experimental Designs	Chapter 5
W 9/29	Threats to Validity in Experiments	Chapter 5
M 10/4	Methodological Control	Chapter 6
W 10/6	Methodological Control (cont'd)	Chapter 6
M 10/11	FALL BREAK	NO CLASS
W 10/13	Single-factor Experiments	Chapter 7
M 10/18	Factorial Experiments	Chapter 8
W 10/20	EXAM 2	
M 10/25	Sampling	Chapter 12
W 10/27	Sampling	Chapter 12
M 11/1	Correlational Research	Chapter 9
W 11/3	Correlational Research	Chapter 9

M	11/8	Observational Research	Chapter 12
W	11/10	Archival Research	Chapter 10
M	11/15	Small-N Designs	Chapter 11
W	11/17	Surveys and Questionnaires	Chapter 12
M	11/22	THANKSGIVING BREAK	NO CLASS
W	11/24	THANKSGIVING BREAK	NO CLASS
M	11/29	Surveys and Questionnaires (cont'd)	Chapter 12
W	12/1	Technology and Research	Mason and Suri (2011)
M	12/6	Technology and Research (cont'd)	Harari et al. (2016)
W	12/8	Review	

EXAM 3: DURING FINALS WEEK (UPDATED WHEN ASSIGNED)